

AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parenthesis, underlined text indicating insertions, and strike through and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1-12. (Cancelled)

13. (Currently Amended) A computer readable medium having a data structure for managing reproduction duration of still pictures, comprising:

a data area storing ~~a~~ first stream file ~~for~~ including presentation data and a second stream file ~~for~~ including audio data, the presentation data being divided into ~~a number of~~ at least one still picture unit ~~[[s]]~~, the at least one still picture unit ~~[[s]]~~ including at least ~~one~~ still picture and associated related data, the associated related data not including the audio data; and

a playlist area storing at least one playlist file, the at least one playlist file including at least one playitem and at least one sub-playitem, the at least one playitem indicating an in-point and out-point of the first stream file to reproduce at ~~least one of the still picture units~~ the presentation data and including first duration information indicating whether to display the at least still picture in the at least one still picture unit for one of a finite and an infinite period of time, the at least one sub-playitem indicating an in-point and out-point of the second stream file to reproduce the audio data,

wherein the at least one playitem further includes second duration information indicating a length of time to display the at least still picture when the first duration information indicates to display the at least still picture for a finite period of time, ~~[[.]]~~

wherein the at least still picture and associated related data in the at least one still picture unit are reproduced synchronously, and the audio data is reproduced asynchronously and independently from the at least one still picture unit.

14. (Currently Amended) The computer readable medium of claim 13, wherein the associated related data in the at least one still picture unit includes graphics data.

15. (Currently Amended) The computer readable medium of claim 13, wherein the associated related data in the at least one still picture unit includes subtitle data.

16-17.(Cancelled)

18. (Currently Amended) The computer readable medium of claim 13, wherein ~~each~~ the at least one still picture unit includes only one still picture.

19.-23. (Cancelled)

24. (Currently Amended) A method of recording a data structure for managing reproduction duration of at least one still picture on a recording medium, comprising:

recording [[a]] first stream file ~~for~~ including presentation data and [[a]] second stream file ~~for~~ including audio data on the recording medium, the presentation data being divided into ~~a number of~~ at least one still picture unit[[s]], the at least one still picture unit [[s]] including at least ~~one~~ still picture and

associated related data, the associated related data not including the audio data;
and

recording at least one playlist file on the recording medium, the at least one playlist file including at least one playitem and at least one sub-playitem, the at least one playitem indicating an in-point and out-point of the first stream file to reproduce ~~at least one still picture unit~~ the presentation data and including first duration information indicating whether to display the at least still picture in the still picture unit for one of a finite and an infinite period of time, the at least one sub-playitem indicating an in-point and out-point of the second stream file to reproduce the audio data,

wherein the at least one playitem further includes second duration information indicating a length of time to display the at least still picture when the first duration information indicates to display the at least still picture for a finite period of time,[[.]]

wherein the at least still picture and associated related data in the at least one still picture unit are reproduced synchronously, and the audio data is reproduced asynchronously and independently from the at least one still picture unit.

25. (Currently Amended) A method of reproducing a data structure for managing reproduction duration of at least one still picture recorded on a recording medium, comprising:

reproducing [[a]] first stream file ~~for~~ including presentation data and [[a]] second stream file ~~for~~ including audio data from the recording medium, the presentation data being divided into ~~a number of~~ at least one still unit[[s]], the at least one still picture unit[[s]] including at least ~~one~~ still picture and associated related data, the associated related data not including the audio data; and

reproducing at least one playlist file from the recording medium, the at least one playlist file including at least one playitem and at least one sub-playitem, the at least one playitem indicating an in-point and out-point of the first stream file to reproduce ~~at least one still picture unit~~ the presentation data and including first duration information indicating whether to display the at least still picture in the at least one still picture unit for one of a finite and an infinite period of time, the at least one sub-playitem indicating an in-point and out-point of the second stream file to reproduce the audio data,

wherein the at least one playitem further includes second duration information indicating a length of time to display the at least still picture when the first duration information indicates to display the at least still picture for a finite period of time,[[.]]

wherein the at least still picture and associated related data in the at least one still picture unit are reproduced synchronously, and the audio data is reproduced asynchronously and independently from the at least one still picture unit.

26. (Currently Amended) An apparatus for recording a data structure for managing reproduction duration of at least one still picture on a recording medium, comprising:

a pickup configured to record data on the recording medium;

a controller configured to control the pickup to record [[a]] first stream file for including presentation data and [[a]] second stream file ~~for including~~ audio data on the recording medium, the presentation data being divided into ~~a number of~~ at least one still picture unit [[s]], the at least one still picture unit [[s]] including at least ~~one~~ still picture and associated related data, the associated related data not including the audio data; and

configured to control the pickup to record at least one playlist file on the recording medium, the at least one playlist file including at least one playitem and at least one sub-playitem, the at least one playitem indicating an in-point and out-point of the first stream file to reproduce ~~at least one still picture unit~~ the presentation data and including first duration information indicating whether to display the at least still picture in the at least one still picture unit for one of a finite and an infinite period of time, the at least one sub-playitem indicating an in-point and out-point of the second stream file to reproduce the audio data,

wherein the at least one playitem further includes second duration information indicating a length of time to display the at least still picture when the first duration information indicates to display the at least still picture for a finite period of time,[[.]]

wherein the at least still picture and associated related data in the at least one still picture unit are reproduced synchronously, and the audio data is reproduced asynchronously and independently from the at least one still picture unit.

27. (Currently Amended) An apparatus for reproducing a data structure for managing reproduction duration of at least one still picture recorded on a recording medium, comprising:

a pickup configured to reproduce data recorded on the recording medium;

a controller configured to control the pickup to reproduce [[a]] first stream file ~~for~~ including presentation data and [[a]] second stream file ~~for~~ including audio data from the recording medium, the presentation data being divided into at least one ~~a number of~~ still picture unit [[s]], the at least one still picture unit including at least one still picture and associated related data, the associated related data not including the audio data; and

configured to control the pickup to reproduce at least one playlist file from the recording medium, the at least one playlist file including at least one playitem and at least one sub-playitem, the at least one playitem indicating an in-point and out-point of the first stream file to reproduce ~~at least one still picture unit~~ the presentation data and including first duration information indicating whether to display the at least still picture in the at least one still picture unit for one of a finite and an infinite period of time, the at least one sub-playitem indicating an in-point and out-point of the second stream file to reproduce the audio data,

wherein the at least one playitem further includes second duration information indicating a length of time to display the at least still picture when the first duration information indicates to display the at least still picture for a finite period of time,[[.]]

wherein the at least still picture and associated related data in the at least one still picture unit are reproduced synchronously, and the audio data is reproduced asynchronously and independently from the at least one still picture unit.

28. (Cancelled)

29. (Currently Amended) The method of claim 24, wherein the associated related data includes graphics data.

30. (Currently Amended) The method of claim 24, wherein the associated related data includes subtitle data.

31-35.(Cancelled).

36. (Currently Amended) The method of claim 25, wherein the associated related data includes graphics data.

37. (Currently Amended) The method of claim 25, wherein the associated related data includes subtitle data.

38-42.(Cancelled)

43. (Currently Amended) The apparatus of claim 26, wherein the associated related data includes graphics data.

44. (Currently Amended) The apparatus of claim 26, wherein the associated related data includes subtitle data.

45-49.(Cancelled)

50. (Currently Amended) The apparatus of claim 27, wherein the associated related data includes graphics data.

51. (Currently Amended) The apparatus of claim 27, wherein the associated related data includes subtitle data.

52-55.(Cancelled)